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(54) Title: **AGGLUTINATION BASED SAMPLE TESTING DEVICE**

(57) Abstract: A sample testing device (100) for testing for the presence of a component of interest in a liquid sample comprises: (a) at least one capillary pathway (120) which has an upstream end and a downstream end and which incorporates a reagent system capable of causing agglutination with said component to be detected (the test capillary); (b) preferably, but optionally, at least one capillary pathway (121) having an upstream end and a downstream end (the control capillary); (c) a sampling region (114) to which the liquid sample is applied and from which the sample is able to enter the upstream ends of the test capillary(s) (120) and if present the control capillary(s) (121); (d) a power source (108, 109); (e) detection arrangements (117, 118) electrically associated with said power source (108, 109) for detecting the presence of liquid at a downstream region of said testing capillary(s) (120) and if present the control capillary(s) (121); (f) display means (113) operated by said power source (108, 109) for indicating the result of the test; and (g) signal processing means (112) associated with the power source (108, 109), detection arrangement (117, 118) and display means (113) for evaluating the result of the test and providing said result on the display means. The device may be used for a pregnancy test, more particularly for determining the presence of hCG in urine.

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